

**AMENDMENTS TO THE CLAIMS**

Please amend the claims as follows. This listing of the claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (canceled)
2. (canceled)
3. (canceled)
4. (canceled)
5. (canceled)
6. (canceled)
7. (currently amended) A recording apparatus according to Claim 14, wherein the positional information image is expressed by a combination pattern of a plurality of spots to represent the positional information.
8. (currently amended) A recording apparatus according to Claim 14, wherein the positional information is associated with coordinates on the recording medium.
9. (currently amended) A recording apparatus according to Claim 14, wherein the positional information is associated with coordinates on a virtual plane beyond the area of the recording medium.
10. (canceled)

11. (canceled)

12. (canceled)

13. (canceled)

14. (new) A recording apparatus for forming an image on a recording medium, comprising:

a recording unit for performing recording by applying a recording material onto the recording medium, the recording unit recording the image and at least one of a positional information image representing positional information corresponding to the position where the positional information image is recorded; and

a control unit for controlling the recording such that the recording unit records the positional information image with a recording material capable of being detected by a predetermined detector and records the image with another recording material incapable of being detected by the detector,

wherein the recording material used for recording the positional information is a carbon black and wherein the recording material used for recording the image is a carbon-free yellow, a carbon-free magenta, and a carbon-free cyan.

15. (new) A recording apparatus for forming an image on a recording medium, comprising:

a recording unit for performing recording by applying a recording material onto the recording medium, the recording unit recording the image and at least one of a positional information image representing positional information corresponding to the position where the positional information image is recorded; and

a control unit for controlling the recording such that the recording unit records the positional information image with a recording material capable of being detected by a predetermined detector and records the image with another recording material incapable of being detected by the detector,

wherein the recording material used for recording the positional information is a carbon black and wherein the recording material used for recording the image is a carbon-free yellow, a carbon-free magenta, a carbon-free cyan, and a carbon-free black.

16. (new) A recording apparatus according to Claim 15, wherein the positional information image is expressed by a combination pattern of a plurality of spots to represent the positional information.

17. (new) A recording apparatus according to Claim 15, wherein the positional information is associated with coordinates on the recording medium.

18. (new) A recording apparatus according to Claim 15, wherein the positional information is associated with coordinates on a virtual plane beyond the area of the recording medium.

19. (new) A method for recording an image with a recording apparatus that applies a recording material onto a recording medium, the method comprising:

recording, on the recording medium, the image and at least one of a positional information image corresponding to positional information representing at least positions on the recording medium; and

controlling the recording such that the positional information image is recorded with a recording material capable of being detected by a predetermined detector, and the image is recorded with another recording material incapable of being detected by the detector,

wherein the recording material used for recording the positional information is a carbon black and wherein the recording material used for recording the image is a carbon-free yellow, a carbon-free magenta, and a carbon-free cyan.

20. (new) A method according to Claim 19, wherein the positional information image is expressed by a combination pattern of a plurality of spots to represent the positional information.

21. (new) A method according to Claim 19, wherein the positional information is associated with coordinates on the recording medium.

22. (new) A method according to Claim 19, wherein the positional information is associated with coordinates on a virtual plane beyond the area of the recording medium.

23. (new) A method for recording an image with a recording apparatus that applies a recording material onto a recording medium, the method comprising:

recording, on the recording medium, the image and at least one of a positional information image corresponding to positional information representing at least positions on the recording medium; and

controlling the recording such that the positional information image is recorded with a recording material capable of being detected by a predetermined detector, and the image is recorded with another recording material incapable of being detected by the detector,

wherein the recording material used for recording the positional information is a carbon black and wherein the recording material used for recording the image is a carbon-free yellow, a carbon-free magenta, a carbon-free cyan, and a carbon-free black.

24. (new) A method according to Claim 23, wherein the positional information image is expressed by a combination pattern of a plurality of spots to represent the positional information.

25. (new) A recording apparatus according to Claim 23, wherein the positional information is associated with coordinates on the recording medium.

26. (new) A recording apparatus according to Claim 23, wherein the positional information is associated with coordinates on a virtual plane beyond the area of the recording medium.